

REISSUE APPLICATION DECLARATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is described and claimed in Letters Patent No. 6,325,294 B2, granted on December 4, 2001, and for which invention I solicit a reissue patent on the invention entitled METHOD OF MANUFACTURING AN ENCLOSED TRANSCEIVER, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I hereby state that I have reviewed and understand the contents of the specification, including the claims, as amended by the accompanying Amendment.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

STATEMENT OF INOPERATIVENESS OF ORIGINAL PATENT:

I verily believe the original patent to be partly inoperative or invalid by reason of my having claimed less than I had a right to claim in the original patent. All errors which are being corrected in the present reissue application, up to the time of the filing of this reissue declaration, arose without any deceptive intention on my part.

CONCURRENT PROCEEDINGS:

The patent for which reissue is requested is not and has not been involved in any concurrent or prior interferences, reissues, reexaminations, or litigations.

IDENTIFICATION OF THE ERROR:

The error which results in the patent being partially inoperative or invalid includes a failure to claim an integrated circuit including any kind of random access memory configured to store data. More particularly, one instance of error is found in Claim 19, which is unduly limited, in part, by being limited to a static random access memory. This error in Claim 19 is addressed by the accompanying reissue application by presenting Claim 25 which tracks issued Claim 19, but which omits the memory being a static random access memory. Other claims include additional errors through inclusion of other limitations that are not included in claims added in the accompanying Amendment. Thus, this is a broadening reissue application.

Every error in the patent which was corrected in the present reissue application, and which is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicants.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Wednesday, December 03, 2003 6:28 PM

Mark Tuttle 208-368-5431

Full name of inventor: **Mark E. Tuttle**Inventor's Signature: Mark E. TuttleDate: 12-3-03Residence: **Boise, Idaho**Citizenship: **United States of America**Post Office Address: **1998 Table Rock Road
Boise, ID 83712**

Full name of inventor: **John R. Tuttle**

Inventor's Signature: _____

Date: _____

Residence: **Boulder, Colorado**Citizenship: **U.S.**Post Office Address: **4084 Eleuthera Court
Boulder, CO 80301**

Full name of inventor: **Rickie C. Lake**

Inventor's Signature: _____

Date: _____

Residence: **Sunnyvale, California**

Citizenship: **U.S.**

Post Office Address: **1085 Tasman Drive #257
Sunnyvale, CA 94089**

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Full name of Inventor: **Mark E. Tuttle**

Inventor's Signature: _____

Date: _____

Residence: **Boise, Idaho**

Citizenship: **United States of America**

Post Office Address: **1998 Table Rock Road
Boise, ID 83712**

Full name of Inventor: **John R. Tuttle**

Inventor's Signature:  _____

Date: **12/2/03** _____

Residence: **Boulder, Colorado**

Citizenship: **U.S.**

Post Office Address: **4084 Eleuthera Court
Boulder, CO 80301**

Full name of inventor: **Rickie C. Lake**

Inventor's Signature: _____

Date: _____

Residence: **Sunnyvale, California**

Citizenship: **U.S.**

Post Office Address: **1085 Tasman Drive #257
Sunnyvale, CA 94089**

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Full name of inventor: **Mark E. Tuttle**

Inventor's Signature: _____

Date: _____

Residence: **Boise, Idaho**

Citizenship: **United States of America**

Post Office Address: **1998 Table Rock Road
Boise, ID 83712**

Full name of inventor: **John R. Tuttle**

Inventor's Signature: _____

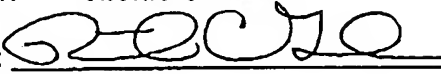
Date: _____

Residence: **Boulder, Colorado**

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Post Office Address: **4084 Eleuthera Court
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Full name of inventor: **Rickie C. Lake**

Inventor's Signature: 

Date: 12/3/03

Residence: **Sunnyvale, California**

Citizenship: **U.S.**

Post Office Address: **1085 Tasman Drive #257
Sunnyvale, CA 94089**

EV 979950208**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Practitioner's Docket No. MI40-367**

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Mark E. Tuttle et al.
Patent Number: 6,325,294 B2
Date Patent Issued: December 4, 2001
Title of Invention: Method of Manufacturing an Enclosed Transceiver

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION

Micron Technology, Inc., is an assignee owning an undivided interest to the above original patent.

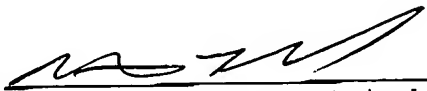
Micron Technology, Inc., assents to the accompanying application for reissue.

Attached is a "Statement under 37 C.F.R. section 3.73(b) -- Establishing Right of Assignee to Take Action."

Micron Technology, Inc.

Date: Nov 26, 2003

By:


Signature of person signing for Assignee

Name: Michael L. Lynch
Title: Chief Patent Counsel

EV 979950208

PTO/SB/53 (12-97)

Approved for use through 9/30/00, OMB 0651-0039
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REISSUE APPLICATION BY THE INVENTOR,
OFFER TO SURRENDER PATENT**

Docket Number (Optional)

MI40-367

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s)

Mark E. Tuttle, et al.

Patent Number

6,325,294

Date Patent Issued

December 4, 2001

Title of Invention

Method of Manufacturing an Enclosed Transceiver

I am the inventor of the original patent.

I offer to surrender the original patent.

1. ☒ Filed herein is a certificate under 37 CFR 3.73(b).
2. ☐ Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.

One of boxes 1 or 2 above must be checked.

The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.

Signature

Date

Typed or printed name

Mark E. Tuttle

The assignee owning an undivided interest in said original patent is Micron Technology, Inc.
and the assignee consents to the accompanying application for reissue.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Name of assignee

Micron Technology, Inc.

Signature of person signing for assignee

Date

Typed or printed name and title of person signing for assignee

Michael L. Lynch

Chief Patent Counsel

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Practitioner's Docket No. MI40-367****EV 979950208**

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Inventor: Mark E. Tuttle et al.
Patent Number: 6,325,294 B2
Date Patent Issued: December 4, 2001
Title of Invention: Method of Manufacturing an Enclosed Transceiver

To: Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

From: Deepak Malhotra (Tel. 509-624-4276; Fax 509-838-3424)
Wells St. John P.S.
601 W. First Avenue, Suite 1300
Spokane, WA 99201-3828

STATEMENT UNDER 37 CFR 3.73(b)

Micron Technology, Inc. is the Assignee of the entire right, title and interest in the above-identified U.S. Patent by assignment from the inventors Mark E. Tuttle and John R. Tuttle, to Micron Technology, Inc. attached hereto, which was recorded on June 17, 1992, at Reel 6199, Frame Nos. 0945-0948, and by assignment from inventors Mark E. Tuttle, John R. Tuttle and Rickie C. Lake to Micron Communications, Inc. attached hereto, which was recorded on October 14, 1993, at Reel 6754, Frame Nos. 0303-0306, and further by a Notice of Merger of Micron Communications, Inc. to Micron Technologies, Inc., which was recorded on November 9, 1999, at Reel 010430, Frame Nos. 0621-0631. The Assignee certifies that the above-identified Assignments and Notice of Merger have been reviewed

and to the best of Assignee's knowledge and belief, title is in the Assignee, and a copy of the Assignments and Notice of Merger are submitted herewith.

Micron Technology, Inc.

Dated: Apr 26, 2003

By: 

Name: Michael L. Lynch

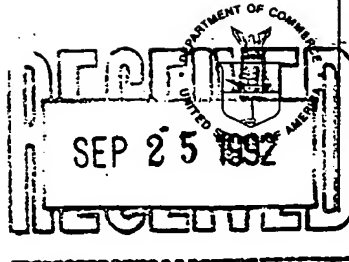
Title: Chief Patent Counsel

Attachment: *Copies of two Assignments and Notice of Merger; Copy of Board of Directors' Resolution*

DATE: 09/03/92

TO:

WILLIAM J. BETHURUM
JEFFERSON PLACE
SUITE 304
350 N. NINTH ST.
BOISE, ID 83702



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

TUTTLE, MARK E.

DOC DATE: 06/16/92

ASSIGNOR:

TUTTLE, JOHN R.

DOC DATE: 06/16/92

RECORDATION DATE: 06/17/92 NUMBER OF PAGES 004 REEL/FRAME 6199/0945

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

MICRON TECHNOLOGY, INC.
A CORP. OF DE
2805 E. COLUMBIA RD.,
BOISE, ID 83706

SERIAL NUMBER 7-899777
PATENT NUMBER

FILING DATE 06/17/92
ISSUE DATE 00/00/00

EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

410



"Express Mail" mailing label

AB211011592

PATENT

77899777

Date of Deposit June 17

I hereby certify that the paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" services under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Name of Person Mailing Paper or Fee: Laurel Bethurum

Signature: Laurel Bethurum

THE COMMISSIONER OF PATENTS & TRADEMARKS
Washington, D.C. 20231

Case Docket No. 71-579

Sir:

Transmitted herewith for filing the patent application and recording the Assignment of

Inventors: Mark E. Tuttle and John R. Tuttle

Title: RADIO FREQUENCY IDENTIFICATION DEVICE (RFID)
AND METHOD OF MANUFACTURE, INCLUDING AN
ELECTRICAL OPERATING SYSTEM AND METHOD

Enclosed are:

1. 8 sheets of X formal drawings.
2. An Assignment of the invention to Micron Technology, Inc.
3. A check of \$40.00 to record the Assignment.
4. A check for the application filing fee of \$ 1,698.00
(7 independent claims and 56 total claims)
5. The Declaration and Power of Attorney.
6. A confirmation postcard to be returned to the Applicant's Attorney.

A duplicate copy of this sheet is enclosed.

Date June 17, 1992

Telephone (208) 345-7700

William J. Bethurum

William J. Bethurum
Attorney of Record
Pat.Reg. No. 22,742

SEND ALL CORRESPONDENCE TO:

William J. Bethurum, Esquire
Jefferson Place, Suite 304
350 N. Ninth Street
Boise, Idaho 83702

080 KL 06/29/92 07899777

1 381

40.00 OK

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ASSIGNMENT BRANCH

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
 Mark E. Tuttle and John R. Tuttle) Atty Docket: 71-579
 Serial No:) Group Art Unit:
 Filed: Concurrently herewith) Examiner:
 For: RADIO FREQUENCY IDENTIFICATION)
 DEVICE (RFID) AND METHOD)
 OF MANUFACTURE, INCLUDING AN)
 ELECTRICAL OPERATING SYSTEM)
 AND METHOD)

ASSIGNMENT:

xx Enclosed for recording
 _____ Previously recorded
 Date: _____
 Reel: _____

A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 2805 E. Columbia Road, Boise, Idaho 83706, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: RADIO FREQUENCY IDENTIFICATION DEVICE (RFID) AND METHOD OF MANUFACTURE, INCLUDING AN ELECTRICAL OPERATING SYSTEM AND METHOD; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Mark E. Tuttle Date: 6-16-92
Mark E. Tuttle

STATE OF IDAHO)
) ss.
County of Ada)

BEFORE ME this 16th day of JUN 1992
personally appeared the above named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/she (they) executed the same of his/her (their) own free will for the purpose therein expressed.

SEAL

Arli M. Smith
Notary or Consular Officer of the
United States of America
My Commission Expires: 5/30/95

(Signature) John R. Tuttle Date: 6-16-92
John R. Tuttle

STATE OF IDAHO)
County of Ada) ss.

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Jodi M. Smith
Notary or Consular Officer of the
United States of America
My Commission Expires: 5/30/95

RECORDED
PATENT AND TRADEMARK
OFFICE
JUN 17 1992



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 08, 2000

PTAS

WELLS ST. JOHN ROBERTS GREGORY & MATKIN
MARK S. MATKIN, ESQ.
601 W. FIRST AVENUE, SUITE 1300
SPOKANE, WA 99201-3828



101222197A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 11/19/1999

REEL/FRAME: 010430/0621
NUMBER OF PAGES: 11

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MICRON COMMUNICATIONS, INC.

DOC DATE: 09/01/1999

ASSIGNEE:
MICRON TECHNOLOGY, INC.
8000 SOUTH FEDERAL WAY
BOISE, IDAHO 83706-9632

SERIAL NUMBER: 09008215
PATENT NUMBER:

FILING DATE: 01/16/1998
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-15-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101222197

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of Conveying Party(ies):
Micron Communications, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal WayCity: Boise State: ID Zip: 83706-9632

3. Nature of conveyance:

- ☐ Assignment ☐ Security Agreement
☒ Merger ☐ Change of Name
☐ Other

Execution Date: September 1, 1999Additional names(s) & address(es) attached: ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s):

09/008,215

B. Patent No(s)

Additional numbers attached: ☐ Yes ☒ NoAdditional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark S. Matkin, Esq.

Internal Address:

Wells, St. John, Roberts,Gregory & Matkin P.S.Street Address: 601 W. First Avenue, Ste. 1300City: Spokane State: WA Zip: 99201-38286. Total number of applications and patents involved. 17. Total fee (37 CFR 3.41). \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number

23-0925

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark S. Matkin

Name of Person Signing

Signature

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 13

OMB No. 0651-0011 (exp. 9/94)

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BOX ASSIGNMENTS
WASHINGTON, D.C. 20231

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1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Application Serial No. 09/008,215
3 Filing Date January 16, 1998
4 Inventor Mark E. Tuttle et al.
5 Group Art Unit 2876
6 Examiner M. Tremblay
7 Attorney's Docket No. MI40-130
8 Title: Method of Manufacturing an Enclosed Transceiver

9 **NOTICE OF MERGER**

10 To: Box Assignment
11 Assistant Commissioner for Patents
12 Washington, D.C. 20231

13 From: Mark S. Matkin (Tel. 509-624-4276; Fax 509-838-3424)
14 Wells, St. John, Roberts, Gregory & Matkin P.S.
15 601 W. First Avenue, Suite 1300
16 Spokane, WA 99201-3828


17 Sir:

18 HEREBY TAKE NOTICE that the above-captioned application, and any
19 patent issued thereon, has been transferred to Micron Technology, Inc., a Delaware
20 Corporation, by reason of merger of Micron Communications, Inc., effective as of
21 September 1, 1999, all as set forth in a Certificate of Ownership and Merger on file with

1 the Secretary of State of Delaware, and as certified by the Secretary of State of the
2 State of Delaware.

3 Respectfully submitted,

4
5 Dated: 11-16-99

6 By: 
Mark S. Matkin
Reg. No. 32,268

7 Encls.: Copy of Certified Certificate of Ownership and Merger dated 9/1/99
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State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"MICRON COMMUNICATIONS, INC.", A IDAHO CORPORATION,
WITH AND INTO "MICRON TECHNOLOGY, INC." UNDER THE NAME OF
"MICRON TECHNOLOGY, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE SECOND DAY OF SEPTEMBER, A.D. 1999, AT 9
O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE
NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

2032425 8100M

991367410

AUTHENTICATION: 9951840

DATE: 09-02-99

SEP- 1-1999(WED) 11:05 HAWLEY TROXELL ENNIS & HAWLEY

208 342 3829

P. 003

CERTIFICATE OF OWNERSHIP AND MERGER
MERGING
MICRON COMMUNICATIONS, INC.,
an Idaho corporation,
WITH AND INTO
MICRON TECHNOLOGY, INC.
a Delaware corporation

*In accordance with Section 253 of the
General Corporation Law of Delaware*

Micron Technology, Inc., a corporation organized and existing under the laws of the State of Delaware (the "Corporation"),

DOES HEREBY CERTIFY:

FIRST: That the Corporation was incorporated on the 6th day of April, 1984, pursuant to the Laws of the State of Delaware,

SECOND: That the Corporation owns of record more than ninety percent of the outstanding shares of the capital stock of Micron Communications, Inc., a corporation incorporated on the 19th day of February, 1993, pursuant to the Laws of the State of Idaho ("MCC"),

THIRD: That the Corporation, by the following resolutions of the MCC Committee of its Board of Directors, duly adopted as of July 28, 1999, determined to and did merger into itself said MCC:

NOW, THEREFORE, BE IT RESOLVED, that the Plan of Merger, in the form attached hereto (the "Merger Plan"), each of the transactions contemplated thereby and each of the other matters provided for therein, be and hereby are authorized and approved;

RESOLVED FURTHER, that the Corporation as of the sole shareholder of MCC hereby waives the mailing requirement called for by Section 30-1-1104 of the Idaho Business Corporation Act (the "IBCA");

FURTHER RESOLVED, that the officers of the Corporation be, and each hereby is, authorized, in the name and on behalf of the Corporation, to (i) execute and deliver the Certificate of Ownership and Merger, in the form attached hereto, to the Secretary of State of the State of Delaware for filing thereby in accordance with Section 253 of the Delaware General Corporation Law (the "DGCL"), and (ii) execute and deliver the Articles of Merger, in the form attached hereto, to the Secretary of State of the State of Idaho for filing thereby in accordance with Section 30-1-1105 of the IBCA;

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208 342 3829

P. 004

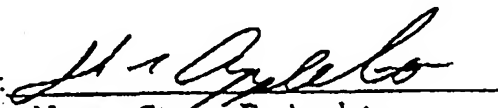
FURTHER RESOLVED, that any and all actions heretofore or hereafter taken by the officers of the Corporation be, and each hereby is, within the terms of the foregoing resolutions, ratified, confirmed and approved as the act and deed of the Corporation;

FURTHER RESOLVED, that the officers of the Corporation be, and each hereby is, authorized, in the name and on behalf of the Corporation, to take all such actions and to execute and deliver all such instruments and documents, as such officer may, in such officer's sole discretion, deem necessary, appropriate or advisable to effectuate the foregoing resolutions, with the execution and delivery of such instruments and documents to be conclusive evidence of such officer's authority with respect thereto.

FOURTH: Anything herein or elsewhere to the contrary notwithstanding, this merger may be amended or terminated and abandoned by the Board of Directors of the Corporation at any time prior to the Effective Time (as defined in the Merger Plan).

IN WITNESS WHEREOF, the undersigned has affirmed the statements herein as true and as the act and deed of Micron Technology, Inc., under penalties of perjury, as of the 28th day of July, 1999.

MICRON TECHNOLOGY, INC.

By: 
Print Name: Steven R. Appleton
Title: President and Chief Executive Officer

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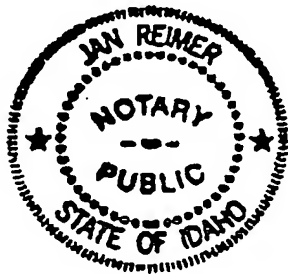
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P.005

STATE OF IDAHO)
) ss.
County of Ada)

On this 28th day of July, 1999, before me, a Notary Public in and for said State, personally appeared Steven R. Appleton, known or identified to me to be the President and Chief Executive Officer of Micron Technology, Inc., the corporation that executed the within instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Jan Reimer
Notary Public for Idaho
Residing at Boise, Idaho
My commission expires 9/1/2001

FILED99 SEP -2 AM 7:51
CLERK OF STATE
STATE OF IDAHOSECRETARY OF STATE
STATE OF IDAHO
11 14 AM '99

**ARTICLES OF MERGER
MERGING
MICRON COMMUNICATIONS, INC.,
an Idaho corporation,
WITH AND INTO
MICRON TECHNOLOGY, INC.,
a Delaware corporation**

*In accordance with Section 30-1-1104 of the
Idaho Business Corporation Act*

Micron Technology, Inc., a Delaware corporation, DOES HEREBY CERTIFY as follows:

1. The constituent corporations (the "Constituent Corporations") in the merger (the "Merger") are Micron Communications, Inc., an Idaho corporation ("MCC"), and Micron Technology, Inc., a Delaware corporation ("MTI").
2. MTI owns of record more than ninety percent (90%) of the issued and outstanding shares of capital stock of MCC.
3. A Plan of Merger (the "Merger Plan") has been duly authorized and approved by the MCC Committee of the Board of Directors of MTI in accordance with Section 30-1-1104 of the Idaho Business Corporation Act (the "IBCA"). The Merger Plan is attached hereto as Exhibit A and is incorporated herein by this reference.
4. Pursuant to the Merger Plan, MCC is being merged with and into MTI, with MTI being the surviving corporation in the Merger.
5. Neither the shareholders of MTI, the surviving corporation in the Merger, nor MCC, the disappearing corporation in the Merger, were required to approve the Merger pursuant to the provisions of the Delaware Business Corporation Law and the IBCA.
6. The Merger shall become effective at 12:01 a.m. on the date on which these Articles of Merger are filed with the Secretary of State of the State of Idaho.

* * *


IDAHO SECRETARY OF STATE

09/01/1999 09:00
CX: 54336 CT: 28522 BH: 2467951 38.00 = 38.00 MERGER # 2
1 28.00 = 28.00 EXPEDITE C # 3

C101147

IN WITNESS WHEREOF, Micron Technology, Inc. has caused these Articles of Merger to be executed by its duly authorized officers this 28th day of July, 1999.

MICRON TECHNOLOGY, INC.

By: 
Print Name: Steven R. Appleton
Title: President and Chief Executive Officer

ATTEST:


By: 
Print Name: Roderic W. Lewis
Title: Vice President of Legal Affairs, General
Counsel and Corporate Secretary

EXHIBIT APLAN OF MERGER

THIS PLAN OF MERGER (this "Merger Plan") has been adopted by MICRON TECHNOLOGY, INC., a Delaware corporation ("MTI"), as of the 28th day of July, 1999.

R E C I T A L S:

WHEREAS, MTI owns of record more than ninety percent of the issued and outstanding shares of capital stock of Micron Communications, Inc., an Idaho corporation ("MCC"); and

WHEREAS, the MCC Committee of the Board of Directors of MTI has deemed it advisable for the benefit of MTI and its shareholders that MCC be merged with and into MTI pursuant to the provisions relating to parent/subsidiary mergers set forth in the Idaho Business Corporation Act and the Delaware General Corporation Law (the "Merger") and this Merger Plan.

NOW, THEREFORE, pursuant to resolutions duly adopted by the Board of Directors of MTI, the Merger shall be effectuated in accordance with the following terms and provisions:

ARTICLE 1
THE MERGER

1.1 The Merger.

Subject to the terms and conditions of this Merger Plan, in accordance with Part 11 of the Idaho Business Corporation Act (the "IBCA") and Title 8 of the Delaware General Corporation Law (the "DGCL"), at the Effective Time (as defined in Section 1.2 hereof), MCC shall be merged with and into MTI. At the Effective Time, (i) the separate corporate existence of MCC shall cease and (ii) MTI shall continue as the surviving corporation in the Merger (the "Surviving Corporation") and shall continue its existence under the laws of the State of Delaware. As a result of the Merger, the outstanding shares of capital stock of MCC shall be converted or cancelled in the manner provided in Article 2 hereof.

1.2 Effective Time of the Merger.

As the sole shareholder of MCC, MTI has waived the mailing requirement pertaining to the Merger Plan set forth in Section 30-1-1104 of the IBCA. Upon adoption of this Merger Plan, (a) a Certificate of Ownership and Merger shall be executed by MTI and filed with the Secretary of State of the State of Delaware pursuant to Section 253 of the DGCL, and (b) Articles of Merger shall be executed by MTI and filed with the Secretary of State of the State of Idaho, pursuant to Section 30-1-1105 of the IBCA. The "Effective Time" of the Merger shall be, and such term as used herein shall mean, 12:01 a.m., Mountain Time, on the later of the date of filing with and approval of the Certificate and Ownership of Merger or Articles of Merger by the Delaware or Idaho Secretary of State, respectively.

1.3 Certificate of Incorporation and Bylaws of the Surviving Corporation.

At the Effective Time, (i) the Certificate of Incorporation of MTI as in effect immediately prior to the Effective Time shall be the Certificate of Incorporation of the Surviving Corporation until thereafter amended as provided by law and such Certificate of Incorporation, and (ii) the By-laws of MTI as in effect immediately prior to the Effective Time shall be the By-laws of the Surviving Corporation until thereafter amended as provided by law, the Certificate of Incorporation of the Surviving Corporation and such Bylaws.

1.4 Directors and Officers of the Surviving Corporation.

The directors and officers of MTI immediately prior to the Effective Time shall, from and after the Effective Time, be the directors and officers, respectively, of the Surviving Corporation until their successors shall have been duly elected or appointed and qualified or until their earlier death, resignation or removal in accordance with the Surviving Corporation's Certificate of Incorporation and By-laws and any written agreements between MTI and such officers and directors.

1.5 Effects of the Merger.

At and after the Effective Time, the Merger shall have the effects set forth in the DGCL and the IBCA.

ARTICLE 2 CONVERSION OF SHARES

2.1 Conversion of Shares.

At the Effective Time, by virtue of the Merger and without any action on the part of the holder thereof, each share of common stock, par value \$0.10 per share, of MCC ("MCC Common Stock") then issued and outstanding shall be cancelled and cease to exist.

2.2 Closing Stock Transfer Books.

As of the Effective Time, it shall be deemed that the stock transfer books of MCC applicable to MCC Common Stock are closed and no transfer of shares of MCC Common Stock on such books shall thereafter be made.

ARTICLE 3 MISCELLANEOUS

3.1 Abandonment.

At any time before the Effective Time, this Merger Plan may be terminated and the Merger may be abandoned by the Board of Directors of MTL.

3.2 Amendment.

At any time prior to the Effective Time, this Merger Plan may be amended by the Board of Directors of MTI to the fullest extent permitted by applicable law.

3.3 Applicable Law.

This Merger Plan shall be construed and interpreted in accordance with the laws of the State of Idaho.

* * *

CERTIFICATION

The undersigned hereby certifies that the foregoing Plan of Merger was duly adopted by the MCC Committee of the Board of Directors of Micron Technology, Inc., as of July 28, 1999.

Dated: July 28, 1999



Roderic W. Lewis
Vice President of Legal Affairs,
General Counsel and Corporate Secretary

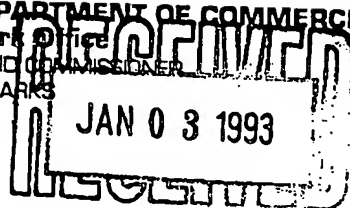


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 12/13/93
TO:

N05A

WILLIAM R. BACHAND
MICRON SEMICONDUCTOR, INC.
2805 EAST COLUMBIA RD. MS 507
BOISE, ID 83706-9698



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 10/08/93

TUTTLE, MARK E.

ASSIGNOR:

DOC DATE: 10/12/93

TUTTLE, JOHN R.

ASSIGNOR:

DOC DATE: 10/08/93

LAKE, RICKIE C.

RECORDATION DATE: 10/14/93 NUMBER OF PAGES 004 REEL/FRAME 6754/0303

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

MICRON COMMUNICATIONS INC.
2805 E. COLUMBIA RD. MS 507
BOISE, ID 83706-9698

SERIAL NUMBER 8-137677
PATENT NUMBER

FILING DATE 10/14/93
ISSUE DATE 00/00/00

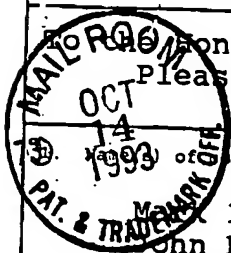
Keith Boode
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

R 873302828

RECORDATION FORM COVER SHEET
PATENTS ONLY

137677

A/D



Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William E. Tuttle
John R. Tuttle
Rickie C. Lake

2. Name and address of receiving party:

Micron Communications Inc.
2805 E. Columbia Rd. MS 507
Boise, ID 83706-9698

3. Nature of conveyance:

☒ ASSIGNMENT

19

Execution Date: October 8, 1993
October 12, 1993☐ Additional name(s) and address(es) attached

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

October 14, 1993

A. Patent Application Number(s)

Attached Application
Docket Number: 71-579.2

B. Patent Number(s)

☐ Additional numbers attached☐ Additional numbers attached

5. Name and address of party to whom correspondence concerning document should be mailed:

William R. Bachand
Micron Semiconductor, Inc.
2805 East Columbia Rd. MS 507
Boise, ID 83706-9698

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)

\$40.00

☐ Authorized to be charged to deposit account.
☒ Enclosed.

8. Deposit account number:

93400702

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William R. Bachand

Print name of person signing

William R. Bachand

Signature

10-13-93

Date

Total number of pages comprising cover sheet: 14

R B7330282

OR 137677

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark E. Tuttle
John R. Tuttle
Rickie C. Lake

Docket No.: 71-579.2

Group Art Unit:

Examiner:

Serial No:

Filed:

For: **METHOD OF MANUFACTURING
AN ENCLOSED TRANSCEIVER**

ASSIGNMENT:

☒ Enclosed for recording
☐ Previously recorded
Date: _____
Reel: _____
Frame: _____

A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Micron Communications Inc. (the "Assignee"), a corporation of Idaho, having a place of business at 2805 E. Columbia Road, Boise, Idaho 83706, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: **METHOD OF MANUFACTURING AN ENCLOSED TRANSCEIVER**; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature)


Mark E. Tuttle

Date: 10-8-93

(Signature)


John R. Tuttle

Date: 10-12-93

RELB 754 FRAME 305

(Signature)

Rickie C. LakeDate: 10-8-93

STATE OF IDAHO)
) ss.
County of Ada)

BEFORE ME, this 12th day of October 1993
personally appeared the above-named individual(s), to me known to
be the person(s) who is (are) described in and who executed the
foregoing assignment instrument and acknowledged to me that he/she
(they) executed the same of his/her (their) own free will for the
purpose therein expressed.

SEAL


Notary or Consular OfficerMy Commission Expires: 2/1999

RECORDED
PATENT AND TRADEMARK
OFFICE

OCT 14 1993

**MICRON TECHNOLOGY, INC.
CERTIFIED COPY OF RESOLUTIONS**

I, Jan R. Reimer, the Assistant Secretary of Micron Technology, Inc. do hereby certify, that the resolutions attached hereto represent a complete, true and correct copy of the resolutions duly adopted by the Board of Directors of Micron Technology, Inc., a corporation duly organized and existing under the laws of the State of Delaware, at a meeting duly held on March 25, 1996, a quorum being present, and have been entered into the minutes of said meeting; that I am the keeper of the corporate seal and of the minutes and records of this Corporation; and that the said resolutions have not been rescinded or modified.

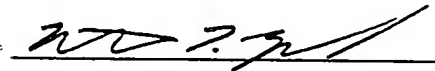
The resolutions attached hereto are in conformity with the Articles of Incorporation and Bylaws of the Corporation and are now in full force and effect.

I further certify that the person whose name and signature is set out below is the person authorized to act for said corporation in transactions with and pursuant to the foregoing resolutions, and that such person is now duly qualified and acting in his respective capacity:

NAME AND TITLE

SIGNATURE

Michael L. Lynch, Assistant General
Counsel for Intellectual Property



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the said corporation, this 16th day of May, 1996.


Jan R. Reimer, Assistant Secretary

(SEAL)

MICRON TECHNOLOGY, INC.
BOARD OF DIRECTORS RESOLUTIONS

WHEREAS, certain key employees require the authority to execute certain documents on behalf of the Company in order to enable them to effectively and efficiently carry out their responsibilities and duties to the Company.

NOW THEREFORE BE IT RESOLVED, that the Board hereby approves and authorizes Mr. Michael L. Lynch, Assistant General Counsel for Intellectual Property, to execute on behalf of the Company, documents pertaining to the Company's patent prosecution matters, including but not limited to documents relating to representation before a patent examining authority, patent terms and other patent prosecution procedures, both in the United States and other countries, upon such terms and conditions as the General Counsel of the Company shall deem necessary or appropriate.